

Microbiological Reviews

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Microbiological Reviews considers for publication both solicited and unsolicited reviews and monographs dealing with all aspects of microbiology. Manuscripts, proposals, and correspondence regarding editorial matters should be addressed to the Editor, Prof. R. G. E. Murray, Department of Microbiology and Immunology, University of Western Ontario, London N6A 5C1, Ontario, Canada.

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MICROBIOLOGICAL REVIEWS

INSTRUCTIONS TO AUTHORS

Scope

Microbiological Reviews accepts reviews and monographs dealing with all aspects of microbiology and other fields of concern to microbiologists, such as immunology and serology. Authoritative and critical reviews of the current state of knowledge are preferred, although historical analyses will be accepted if the importance of the subject justifies this approach. Unevaluated compilations of the literature and annotated bibliographies do not fall within the scope of *Microbiological Reviews*. Manuscripts of talks delivered at symposia and round tables are likewise unacceptable; however, their authors are encouraged to discuss with the Editor the possibility of using such material as the basis for preparation of a review, when publication in this form seems appropriate. Because a distinctive goal of the journal is to appeal to the interests of the diverse group of subscribers, authors are asked to address themselves to both specialists and generalists; this demands conscious concern for this goal in writing.

Monographs should embody the results of unusually extensive and well-rounded original investigations, the usefulness of which would be diminished by publication in the form of a series of separate papers. Past experience suggests that the monograph is particularly appropriate for the presentation of a definitive study on the biology of a microbial group.

Members of the Editorial Board will welcome any suggestions of topics and authors, either from prospective authors or from others. Prospective authors are advised to discuss with the Editor the suitability of their proposed contribution. The preparation of an annotated topical outline is desirable, since it often elicits constructive suggestions from editorial consultants. In addition, a list of key references showing the author's contributions to the field and a one- or two-paragraph statement detailing the aim, scope, and relevance of the review must be included with the outline.

How to Submit Manuscripts

Submit two complete copies of each manuscript, including figures and tables, in either the original typescript or clear, clean photocopies. All text should be double- or triple-spaced, including quotations, tables, legends for figures, and references, and the pages must be numbered sequentially.

Original drawings should not be submitted; glossy prints are required. When appropriate, magnification should be indicated by a suitable scale on the photograph. Each figure should be numbered and should include the name of the author, either in the margin or on the back (marked lightly with a *soft* pencil). Papers should seldom exceed 60 manuscript text pages, and every effort should be made to hold to this limit; any excess will require discussion with the Editor. A review, whether invited or not, cannot be finally accepted until the finished product has been examined and found to be satisfactory.

Editorial Style

The editorial style of *Microbiological Reviews* conforms to the *Council of Biology Editors Style Manual* (4th ed., American Institute of Biological Sciences, 1978), as interpreted and modified by the Editorial Board and the ASM Publications Office. It is usually desirable to include a table of contents showing the major headings and subheadings of the text. Consult a recent issue of *Microbiological Reviews* for format and style. It is preferable to summarize supporting evidence whenever possible. When original data are presented, it is essential that the methods be fully described or that reference be made to previously published methods.

Literature Cited. References should be listed alphabetically according to the last name of the first author, numbered serially, and cited by number in the text. Carefully examine a current issue for style and format. Each reference cited should be checked with the original publication; titles and both first and last pages should be included. References to unpublished data, abstracts, theses, and personal communications should be kept to a minimum; if unavoidable, these citations should be made in the text only, not in the list of references. Names of journals are abbreviated according to *Bibliographic Guide for Editors & Authors* (American Chemical Society, 1974).

Abbreviations and symbols. All abbreviations used (except those for standard units of measurement) should be defined parenthetically at first use in the text. Biochemical nomenclature, including abbreviations and symbols, should follow the recommendations of the International Union of Pure and Applied Chemistry-International Union of Biochemistry (IUPAC-IUB) and the instructions to authors of the *Journal of Biological Chemistry* and *Archives of Biochemistry and Biophysics* (first issues of each year), which are based upon those recommendations and contain a list thereof.

For measurements, use the International System of Units, employing the prefixes m, μ , n, and p (for 10^{-3} , 10^{-6} , 10^{-9} , and 10^{-12} , respectively), where applicable, and avoiding such compound prefixes as $m\mu$ and $\mu\mu$.

Nomenclature. In general, the nomenclature of bacteria should follow that presented in *Bergey's Manual of Determinative Bacteriology* (8th ed., The Williams & Wilkins Co., 1974). It is recommended that a strain be deposited in a recognized culture collection when that strain is necessary for the description of a new taxon (see *Bacteriological Code, 1976 Revision*, American Society for Microbiology, 1975).

For enzymes, use the recommended (trivial) name assigned by the IUPAC-IUB Commission on Biochemical Nomenclature as described in *Enzyme Nomenclature* (Elsevier Scientific Publishing Co., 1972) and supplement (Biochim. Biophys. Acta **429**:1-45, 1976).

Genetics symbols introduced by the reviewer should essentially follow the recommendations of Demerec et al. (Genetics **54**:61-74, 1966) and the technical requirements of the *Journal of Bacteriology* in matters of terminology.

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